

CLAIMS

1. A control apparatus for an internal combustion engine having a heating resistor type air flow rate measuring apparatus which flows a heating current through the heating resistor to heat the resistor and measures a flow rate of air sucked into the engine based on radiation of heat to sucked air, the control apparatus for an internal combustion engine is characterized in that

the heating resistor is heated upon lapse of a constant time period after instructing a start of rotation to the engine.

2. A control apparatus for an internal combustion engine according to claim 1, the control apparatus for an internal combustion engine is characterized in that the heating current is supplied to the heating resistor upon lapse of the constant time period after start of rotation of the engine thereby to delay heating of the heating resistor by the constant time period.

3. In a heating resistor type fluid flow rate measuring apparatus which flows a heating current through the heating resistor in accordance with an instruction signal applied outside to heat the resistor and measures a flow rate of fluid based on radiation of heat to sucked fluid, the heating resistor type fluid flow rate measuring apparatus is characterized by comprising

heat generation delay means which heats the heating resistor upon lapse of a constant time period after the instruction signal is supplied from the outside.

4. In a heating resistor type fluid flow rate measuring apparatus according to claim 3, the heating resistor type fluid flow rate measuring apparatus is characterized in that the heat generation delay means supplies the heating current to the heating resistor upon lapse of the constant time period after the instruction signal is supplied from the outside thereby to delay heating of the heating resistor by the constant time period.

5. In a control apparatus for an internal combustion engine having a heating resistor type air flow rate measuring apparatus which flows a heating current through the heating resistor to heat the resistor and measures a flow rate of air sucked into the engine based on radiation of heat to sucked air, the control apparatus for an internal combustion engine is characterized in that

the heating resistor is heated upon lapse of a constant time period after detecting a start of rotation of the engine.

6. In a control apparatus for an internal combustion engine according to claim 5, the control apparatus for an internal combustion engine is characterized in that the heating current is supplied to the heating resistor upon lapse of the constant time period after detecting the start of rotation of the engine thereby to delay heating of the heating resistor by the constant time period.